

Registration

Pre-registration is required by email (mail, fax, or phone accepted, but email is preferred). Payment for the optional dinner is accepted the day of training. Only checks will be accepted (no cash or credit).

Please send registrations via email to Lavon Harper at lavon.harper@ipst.gatech.edu

Please send checks (payable to IPST, Inc.) for the optional dinner to:

Ms. Lavon Harper
Institute of Paper Science and Technology
500 Tenth Street, NW
Atlanta, GA 30332-0620

Phone: 404-894-6700
Fax (Attention: Lavon Harper): 404-894-5301

Accommodations

There is no hotel room block being held for this training. Suggestions are listed below.

Wyndham Hotel-Midtown, \$108/S \$118/D /night, (404) 873-4800, Free shuttle to IPST, 125 10th Street, NE, Atlanta, GA 30309. Ask for Georgia Tech rate. 1-800-WYNDHAM. Restaurant in hotel. MARTA: Midtown Station.

Courtyard by Marriott, \$99/night, (404) 607-1112, Restaurant in hotel, Atlanta Midtown Location, 1132 Techwood Drive, NW, Atlanta, GA 30318. Ask for Georgia Tech rate. 1-800-321-2211. MARTA: Midtown Station

Reservations for Georgia Tech's new hotel can be accessed from their website. Georgia Tech rates are \$119/night. <http://www.gatechhotel.com>

A Strong Energy Portfolio for a Strong America

Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

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500 Tenth Street, NW
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Fundamentals of Compressed Air Systems

industrial training workshop



Institute of Paper Science
and Technology
500 Tenth Street, NW
Atlanta, GA 30332-0620

November 16-17, 2004



U.S. Department of Energy
Energy Efficiency and Renewable Energy
*Bringing you a prosperous future where energy is clean,
abundant, reliable, and affordable.*

Overview

Make your company more profitable by getting smarter about compressed air. Through a series of workshops, the Compressed Air Challenge® helps you **evaluate your own systems** and apply proven techniques. Workshop participants will be able to achieve higher productivity, reduced downtime, greater energy savings, increased product quality, and greater efficiency. Please join us for our upcoming *Fundamentals of Compressed Air Systems* Workshop.

Additional Training Opportunity

Individuals that have successfully completed the Fundamentals of Compressed Air Systems workshop are invited to attend an Introduction to AIRMaster+ workshop. The AIRMaster+ software, developed by DOE in cooperation with the Compressed Air Challenge®, assists in evaluating compressed air systems. Taught by AIRMaster+ Qualified Specialists, this 1.5 hour workshop is an introductory overview of the AIRMaster+ software, how it is used, and its benefits. Please check the OIT website training calendar (<http://www.oit.doe.gov/bestpractices/training/textCalendar.shtml>) for upcoming Introduction to AIRMaster+ workshops and other DOE training opportunities.

Instructor

Mr. William Scales is an internationally recognized expert in compressed air systems. Over the last 40 years, he has visited more than 5,000 facilities and audited hundreds of compressed air systems throughout Asia, Australia, South America, and the United States, including Boeing, Ford, General Motors, IBM, John Deere, Mobil, Sunoco, and other Fortune 500 corporations.

Agenda

Day 1

12:45 Registration

Afternoon Session

- Why care about air?
 - Compressed Air Challenge questionnaire
 - Pre-workshop assignment
- Study your supply side
 - What is the supply side?
 - Typical components of the supply system: compressors, controls, dryers, traps and drains, and filters
- Understand your demands
 - What is the demand side?
 - Typical components of demand
 - Inappropriate uses of compressed air
 - Common leak locations and how to fix them
- Are you on base?
 - Baselineing basics and techniques

Day 2

7:45 Review of Day 1 Material

8:00 - 12:00 Morning Session

- Stay under control
 - Controls, part-load efficiency, and storage
 - Using controls - pros and cons
- Maintain system efficiency
 - Simple, quick cost-cutting measures
 - System demand profile
- Get with the plan
 - Seven-step action plan
 - Personal action plan
 - Summary and evaluation

Registration Form

Please register me for the *Fundamentals of Compressed Air Systems* Workshop on :

☐ November 16-17, 2004

First Name

Last Name

Company Name

Street Address

City

State

Zip

Phone

Fax

Email Address

Registration Fee: There will be a \$35 charge for an *optional* dinner. Only checks will be accepted (no cash or credit card payment). Please see reverse for more information.

Please indicate special diet needs:

☐ Vegetarian

☐ Other _____

For maps and directions to the training facility, visit:

<http://www.ipst.gatech.edu/welcome/map.html>

This event is co-sponsored by the Institute of Paper Science and Technology and the U.S. Department of Energy, Energy Efficiency and Renewable Energy

Optimize your compressed air systems and reduce energy costs...